Installation of Customized WU-FTP (wuftp_rel7.tar.gz)

This section installs the most recent customized patch for WU-FTP. Set-up of an anonymous FTP Account as identified in section 7.3.1 and installation of previous WU-FTP deliveries for Data Pool as identified in section 7.3.2 are required to be completed prior to proceeding with the installation of the Customized WU-FTP Patch.

1. Verify that the DataPool database has been patched up to the appropriate level. In a Relb mode, the database should contain patches 7050 and 7054. In a 6A08 mode, create the ecdlftpsrvr login and user manually, with the following steps.

   a. Login to the dataserver as "SA".
   b. sp_addlogin ecdlftpsrvr, "welcome", tempdb
   c. go
   d. use db_name_mode
   e. go
   f. sp_adduser ecdlftpsrvr
   g. go
   h. grant select on DlFile to ecdlftpsrvr
   i. go
   j. Verify that the user has been granted select on the table DlFile.
   k. Exit.
   l. Login to the dataserver as the ecdlftpsrvr.
   m. use db_name_mode
   n. go
   o. select * from DlFile
   p. go

2. Install the wuftp_rel7.tar.gz files on the Data Pool Host.

   a. cd /datapool/OPS/user (or wherever the datapool is at your DAAC)
   b. cp /var/tmp/wuftp_rel7.tar.gz .
   c. gzip –d wuftp_rel7.tar.gz
   d. tar –xvf wuftp_rel7.tar

3. Copy in the Sybase interfaces file

   a. cp /tools/sybOCv12.0.0/interfaces tools/sybOCv12.0.0 [Note that you may want to generate an interfaces file for this use only. In that case, add only the logical name of the Datapool Sybase server to the interfaces file.]

4. Change the owner and protections of the files under /datapool/OPS/user/tools

   a. chown –R root:bin tools
   b. chmod –R a-w tools

       c.   chown root:other tools/sybOCv12.0.0/interfaces

5. Back up the old ftp daemon

       a.   cd /usr/local/sbin (or to the directory were in.ftpd is kept at your DAAC).

       b.   mv in.ftpd in.ftpd.date (or something unique).

6. Install the new ftp daemon

       a.   mv /datapool/OPS/user/ftpd /usr/local/sbin/in.ftpd

       b.   chown bin:bin in.ftpd

       c.   chmod –rw in.ftpd

       d.   chmod o-x in.ftpd

7. Edit the ftpd access configuration file. (/etc/ftpd/ftpaccess).

       a.   At the end of the ftp access file, add lines for each of the following parameters

          i.   noretrieve – prevent anonymous users from downloading the sybase configuration files

         ii.   dbpct – number from 0-100. The percentage of files that you want to have checksummed.

        iii.   dbsrv – the logical name of the Sybase server for the datapool database

        iv.   dbuser – The encrypted database username. To encrypt the username, run "/usr/ecs/OPS/CUSTOM/bin/OMS/EcOmCryptoCliDriver 0". Enter the user name. The encrypted password will be printed. It will be `b650457f470c05ee565b32a4b81a8dd2`

         v.   dbpass – The encrypted password of the database user. To encrypt the password, run "/usr/ecs/OPS/CUSTOM/bin/OMS/EcOmCryptoCliDriver 0". Enter the user's password. The encrypted password will be printed. It will be `ba3d89c0563293fa`

        vi.   dplroot – The first word of the datapool directory. For example, if the directory is "/datapool/OPS/user", then this is `datapool`.

       vii.   cmds – A comma-separated list of commands from the ftpconversions file to indicate which of the commands in the ftpconversions file will be preceded by checksumming.

An example of the ftpaccess additions is:

noretrieve /datapool/OPS/user/tools/sybOCv12.0.0

dbpct 100
dbsrv g0acg05_srvr
dbuser b650457f470c05ee565b32a4b81a8dd2
dbpass ba3d89c0563293fa
dplroot datapool

cmds /bin/compress,/bin/gzip,/bin/zip,/bin/unzip